Listing of Claims

The following listing of claims will replace all prior versions, and listings, of claims in the subject application:

Claim 1 (canceled).

2. (currently amended) The network terminal communication apparatus as claimed in claim [[1]] 15, further comprising:

an error occurrence hysteresis storage unit for storing error occurrence hysteresis information for each of the types of errors; and

an error occurrence hysteresis output unit for outputting the stored error occurrence hysteresis information.

3. (currently amended) A network communication terminal apparatus that is adapted to exchange data with a counterpart apparatus via a network, and output an indication of an error occurrence that is to be recognized by a user when one or more of a plurality of types of errors relating to a network communication operation occur, the network communication terminal apparatus comprising:

an error group/threshold occurrence number setting unit for dividing the types of errors into a plurality of error groups by categorically grouping the types of errors and setting and storing, for each group of the error groups, a successive occurrence threshold number corresponding to a number of times one or more types of errors belonging to the error group are

to occur successively before an indication of an error occurrence of the error group is output;

an error/occurrence number counting unit for counting, for each type of error, the number of successive occurrences of the type of error; and

an error group occurrence output unit for outputting an indication of the error occurrence of a specified error group in a case where the successive occurrence number of each error group counted by the error/occurrence number counting unit, and the threshold occurrence number of each error group set by the error/threshold occurrence number setting unit are compared to find that the successive occurrence number of the specified error group is equal to the threshold occurrence number of the specified error group.

wherein when an error of one error type of the plurality of types of errors occurs, the successive occurrence number of said one error type is incremented, and the successive occurrence numbers of remaining ones of the plurality of types of errors are reset.

4. (original) The network terminal communication apparatus as claimed in claim 3, further comprising:

an error occurrence hysteresis storage unit for storing error occurrence hysteresis information for each of the types of errors; and

an error occurrence hysteresis output unit for outputting the stored error occurrence hysteresis information.

5. (currently amended) A network communication terminal apparatus that is adapted to exchange data with a counterpart apparatus via a network, and output an indication of an error

occurrence that is to be recognized by a user when one or more of a plurality of types of errors relating to a network communication operation occur, the network communication terminal apparatus comprising:

a specified error/threshold occurrence number setting unit for setting and storing a predetermined successive occurrence threshold number for a specified type of the types of errors, the predetermined successive occurrence number corresponding to a number of times the specified type of error is to occur successively before an indication of an error occurrence of the specified type of error is output;

a specified error/occurrence number counting unit for counting the number of successive occurrences of the specified type of error; and

a specified error occurrence output unit for outputting the indication of the error occurrence of the specified type of error in a case where the successive occurrence number of the specified type of error counted by the specified error/occurrence number counting unit and the threshold occurrence number of the specifies type of error set by the specified error/threshold occurrence number setting unit are compared to find that the successive occurrence number is equal to the threshold occurrence number,

wherein when an error of one error type of the plurality of types of errors occurs, the successive occurrence number of said one error type is incremented, and the successive occurrence numbers of remaining ones of the plurality of types of errors are reset.

6. (original) The network terminal communication apparatus as claimed in claim 5, further comprising:

an error occurrence hysteresis storage unit for storing error occurrence hysteresis information for each of the types of errors; and

an error occurrence hysteresis output unit for outputting the stored error occurrence hysteresis information.

7. (currently amended) A network communication terminal apparatus that is adapted to exchange data with a counterpart apparatus via a network, and output an indication of an error occurrence that is to be recognized by a user when one or more of a plurality of types of errors relating to a network communication operation occur, the network communication terminal apparatus comprising:

an unspecified error/threshold occurrence number setting unit for setting and storing a predetermined successive occurrence threshold number corresponding to a number of times unspecified types of the types of errors are to occur successively before the indication of the error occurrence is output;

an unspecified error/occurrence number counting unit for counting a number of successive occurrences of the unspecified types of errors; and

an unspecified error occurrence output unit for outputting the indication of the error occurrence in a case where the successive occurrence number of the unspecified types of errors counted by the unspecified error/occurrence number counting unit and the threshold occurrence number of the unspecified types of errors set by the unspecified error/threshold occurrence number setting unit are compared to find that the successive occurrence number is equal to the threshold occurrence number.

wherein when an error of one error type of the plurality of types of errors occurs, the successive occurrence number of said one error type is incremented, and the successive occurrence numbers of remaining ones of the plurality of types of errors are reset.

8. (original) The network terminal communication apparatus as claimed in claim 7, further comprising:

an error occurrence hysteresis storage unit for storing error occurrence hysteresis information for each of the types of errors; and

an error occurrence hysteresis output unit for outputting the stored error occurrence hysteresis information.

Claim 9 (canceled).

10. (currently amended) A method of providing an error occurrence indication to a user in a network communication terminal apparatus that is adapted to exchange data with a counterpart apparatus via a network, the error occurrence indication being output when one or more of a plurality of types of errors relating to a network communication operation occur, the method comprising:

counting a number of successive occurrences of a specified type of error to maintain the successive occurrence count number of the specified type of error;

comparing a successive occurrence count number and a predetermined threshold occurrence number of each of error groups into which the types of errors are categorically

grouped; and

outputting an error occurrence indication of a specified error group of which the successive occurrence count number is determined to be equal to the predetermined threshold occurrence number in the comparing step,

wherein when an error of one error type of the plurality of types of errors occurs, the successive occurrence number of said one error type is incremented, and the successive occurrence numbers of remaining ones of the plurality of types of errors are reset.

11. (currently amended) A method of providing an error occurrence indication to a user in a network communication terminal apparatus that is adapted to exchange data with a counterpart apparatus via a network, the error occurrence indication being output when one or more of a plurality of types of errors relating to a network communication operation occur, the method comprising:

counting a number of successive occurrences of a specified type of error to maintain the successive occurrence count number of the specified type of error;

comparing a successive occurrence count number and a predetermined threshold occurrence number of a specified type of error; and

outputting an error occurrence indication of the specified type of error when it is determined in the comparing step that the successive occurrence count number is equal to the predetermined threshold occurrence number,

wherein when an error of one error type of the plurality of types of errors occurs, the successive occurrence number of said one error type is incremented, and the successive

occurrence numbers of remaining ones of the plurality of types of errors are reset.

12. (currently amended) A method of providing an error occurrence indication to a user in a network communication terminal apparatus that is adapted to exchange data with a counterpart apparatus via a network, the error occurrence indication being output when one or more errors relating to a network communication operation occur, the method comprising:

counting a number of successive occurrences of a specified type of error to maintain the successive occurrence count number of the specified type of error;

comparing a successive occurrence count number and a predetermined threshold occurrence number of the errors; and

outputting the error occurrence indication when it is determined in the comparing step that the successive occurrence count number is equal to the predetermined threshold occurrence number,

wherein when an error of one error type of the plurality of types of errors occurs, the successive occurrence number of said one error type is incremented, and the successive occurrence numbers of remaining ones of the plurality of types of errors are reset.

Claim 13 (canceled).

14. (currently amended) [[The]] A method of ~~claim 13~~ providing an error occurrence indication to a user in a network communication terminal apparatus that is adapted to exchange data with a counterpart apparatus via a network, the error occurrence indication being output

when one or more of a plurality of types of errors relating to a network communication operation occurs, the method comprising:

comparing a successive occurrence count number and a predetermined threshold occurrence number of each of the types of errors;

outputting an error occurrence indication of a specified type of error of which the successive occurrence count number is determined to be equal to the predetermined threshold occurrence number in the comparing step; and

counting a number of successive occurrences of the specified type of error to maintain the successive occurrence count number of the specified type of error,

wherein when an error of one error type of the plurality of types of errors occurs, the successive occurrence number of said one error type is incremented, and the successive occurrence numbers of remaining ones of the plurality of types of errors are reset.

15. (currently amended) [[The]] A network terminal communication apparatus ~~as claimed in claim 1~~ that is adapted to exchange data with a counterpart apparatus via a network, and output an indication of an error occurrence that is to be recognized by a user when one or more of a plurality of types of errors relating to a network communication operation occur, the network communication terminal apparatus comprising:

an error/threshold occurrence number setting unit for setting and storing, for each type of the types of errors, a successive occurrence threshold number corresponding to a number of times the type of error is to occur successively before an indication of an error occurrence of the type of error is output;

an error/occurrence number counting unit for counting, for each type of the types of errors, the number of successive occurrences of the type of error; and

an error occurrence output unit for outputting an indication of the error occurrence of a specified type of error in a case where the successive occurrence number of each type of error counted by the error/occurrence number counting unit and the threshold occurrence number of each type of error set by the error/threshold occurrence number setting unit are compared to find that the successive occurrence number of the specified type of error is equal to the threshold occurrence number of the specified type of error,

wherein when an error of one error type of the plurality of types of errors occurs, the successive occurrence number of said one error type is incremented, and the successive occurrence numbers of remaining ones of the plurality of types of errors are reset.